



Research Staff

Manipal Academy of Higher Education (MAHE), Manipal, *an Institution of eminence deemed to be University*, invites applications from eligible candidates for the post of **Project Technical Support – III (JRF equivalent)** for the **Indian Council of Medical Research (ICMR), Govt. of India** funded research project in the School of Computer Engineering, Manipal Institute of Technology, Manipal. The position is part of the computational arm of an interdisciplinary research project undertaken in collaboration with the **Centre for Molecular Neurosciences** and the **Department of Psychiatry, Kasturba Medical College (KMC), Manipal**.

Project title: “AI-Driven Wearable Biomarker Validation of Monoaminergic Sleep Disruption in Major Depressive Disorder: A Cross-Species Translational Framework”

Duration of Engagement: Up to 3 years, co-terminus with the project, subject to annual review of performance.

Selected Candidate will have an opportunity for PhD registration at Manipal Academy of Higher Education upon fulfilment of prescribed eligibility criteria.

Positions	Eligibility and Job Description	Remuneration
Project Technical Support - III	Eligibility: M.Sc/M.Tech/B.E in Computer Science, Information and Communication Technology, Data Science, Electronics or Biomedical Engineering. Candidates with UGC-CSIR/NET/GATE qualification will be preferred. Desirable: Python (NumPy, pandas, scikit-learn), time-series and signal processing, machine learning with interpretability methods, Git-based reproducible workflows. No biology background required, appropriate training provided. Responsibilities: - Build a cross-species metric harmonisation pipeline across insect and human data. - Behavioural feature extraction and explainable machine learning, including SHAP-based feature attribution. - Benchmarking against publicly available depression-labelled actigraphy datasets. - The candidate needs to be highly motivated, a self-starter and a team player who can work in a highly collaborative and inter-disciplinary environment including researchers, engineers and clinicians. Other duties as assigned. Job Code: “ICMR-PTS-III-MIT Computational”	INR 28000 and 10% HRA per month

Mentioning of **Job Code** in the subject line of the application is mandatory.

Project Commencement date: October 01, 2026

Candidates possessing the requisite qualification may send their detailed CV, cover letter along with contact details of two referees as a single PDF file to jobs.research@manipal.edu by **September 21, 2026**. Shortlisted candidates will be informed by e-mail about the interview date. No TA/DA will be paid for attending the interview.

Director – HR
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